

CLAIMS

1. An apparatus for preparing rebar for reinforcing concrete, the apparatus comprising:

5 a semi-cylindrical portion configured for receiving a first rebar extending in a first direction, said semi-cylindrical portion defining first and second opposing substantially straight edges, and two opposing ends;

10 a first flange portion extending outwardly from said first straight edge, and a second flange portion extending outwardly from said second straight edge; and

first and second receiver portions extending longitudinally from said respective first and second flanges beyond one of said ends, said first and second receiver portions being configured for receiving a second rebar extending in a second direction substantially orthogonal to said first direction, and for urging said second rebar against said first rebar.

20 2. The apparatus of Claim 1 further comprising first and second legs extending from said respective first and second receiver portions, said first and second legs being configured for supporting in an elevated position said apparatus and said rebar secured by said apparatus.

3. The apparatus of Claim 1 wherein said first and second receiver portions are configured for receiving respective first and second legs for supporting in an elevated position said apparatus and said rebar secured by
5 said apparatus.

4. The apparatus of Claim 1 further comprising first and second lips extending longitudinally from said respective first and second receiver portions; and first and second legs extending from said respective first and
10 second lips for supporting in an elevated position said apparatus and said rebar secured by said apparatus.

5. The apparatus of Claim 1 further comprising first and second lips extending longitudinally from said respective first and second receiver portions, said first
15 and second lips being configured for receiving a respective first and second leg for supporting in an elevated position said apparatus and said rebar secured by said apparatus.

6. The apparatus of Claim 1, wherein the apparatus is fabricated from at least one of plastic, acrylic, nylon,
20 and metal.

7. The apparatus of Claim 1, wherein said semi-cylindrical portion extends through an arc of substantially 180° from said first edge to said second edge.

8. The apparatus of Claim 1, wherein said semi-cylindrical portion extends through an arc exceeding 180° from said first edge to said second edge.

9. The apparatus of Claim 1, further comprising a
5 cam portion formed on an interior surface of said semi-cylindrical portion substantially centrally positioned between said first edge and said second edge, and adjacent to the one of said ends most proximate to said first and second receiver portions.

10 10. The apparatus of Claim 1, wherein said semi-cylindrical portion comprises a cross-section having at least one of a semi-circular cross-section, a semi-elliptical cross-section, and at least one flat side.

11. The apparatus of Claim 1, wherein said first and
15 second receiver portions comprises a cross-section having at least one of a semi-circular cross-section, a semi-elliptical cross-section, and at least one flat side.

12. A method for preparing rebar for reinforcing concrete, the method comprising:

engaging first and second receiver portions of an apparatus with a lower surface of a first rebar extending
5 in a first direction; and

engaging a semi-cylindrical portion of said apparatus with an upper surface of a second rebar extending in a second direction substantially orthogonal to said first direction, until said first rebar is urged against said
10 second rebar.

13. The method of Claim 12 further comprising providing first and second legs extending from said respective first and second receiver portions, said first and second legs being configured for supporting in an
15 elevated position said apparatus and said rebar secured by said apparatus.

14. The method of Claim 12 wherein said first and second receiver portions are configured for receiving respective first and second legs for supporting in an
20 elevated position said apparatus and said rebar secured by said apparatus.

15. The method of Claim 12 further comprising first and second lips extending longitudinally from said respective first and second receiver portions; and first and second legs extending from said respective first and second lips for supporting in an elevated position said apparatus and said rebar secured by said apparatus.

16. The method of Claim 12, wherein said apparatus further comprises first and second lips extending longitudinally from said respective first and second receiver portions, said first and second lips being configured for receiving a respective first and second leg for supporting in an elevated position said apparatus and said rebar secured by said apparatus.

17. The method of Claim 12, wherein said apparatus is fabricated from at least one of plastic, acrylic, nylon, and metal.

18. The method of Claim 12, wherein said semi-cylindrical portion extends through an arc of substantially 180°.

19. The method of Claim 12, wherein said semi-cylindrical portion extends through an arc exceeding 180°.

20. The method of Claim 12, wherein said apparatus further comprises a cam portion formed on an interior surface of said semi-cylindrical portion, adjacent to one of said ends most proximate to said first and second
5 receiver portions.